

ABSTRACT OF THE DISCLOSURE

An object of the invention is to provide a structure for suppressing occurrence of a track offset in a tracking control using DPP method, and simplified apparatus assembly adjustment. When a diffraction grating provided in an optical pick-up apparatus, diffracts light irradiated from a semiconductor laser at least into zero-order diffraction light and \pm first-order diffraction light, disposed adjacent to diffraction area alternately in an extension direction of a grating groove, and an effective diameter of light beam with which the diffraction grating is irradiated is D , and a number of divisions into which the effective diameter D is divided is m (m is an integer of 3 or more), a width $W1$ and a width $W2$ are formed to meet $W1 = W2 = D/m$.